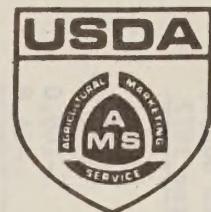


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United States Cotton Quality Report For Ginnings Prior To January 1, 1979

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The predominant grade of upland cotton ginned prior to January 1 this season was grade 41. This grade accounted for over one-third of ginnings. The second most predominant grade was grade 42 at almost 15 percent of ginnings. Grade 42 accounted for 12 percent of ginnings prior to January 1 the two previous seasons. Predominant length this season was staple 35 at 32 percent of ginnings compared with 33 percent a year earlier and 30 percent two years ago. The second most common length was staple 34 at 26 percent this season against 17 percent and 25 percent of ginnings through the end of December 1977 and 1976, respectively. Average fiber strength this season was 88,200 pounds per square inch compared with 87,700 a year earlier and 86,400 two years ago. Average mike was 43 this season against 44 and 42 in 1977 and 1976, respectively.

White grades 31 and higher accounted for over 14 percent of upland ginnings prior to January 1 this season. This was down from over 22 percent a year earlier and was the same as two years ago. Grade 41, the predominant quality this season, accounted for over 37 percent of ginnings compared with 29 percent a year earlier and was the same as two years ago. All White grades made up almost 74 percent of ginnings prior to January 1 this season. This was the largest proportion since 1974 when 78 percent of ginnings prior to January 1 were in the White grades. This compares with less than 72 percent last season and less than 69 percent two years ago. The Light Spotted grades comprised almost 25 percent of ginnings so far this season compared with 26 percent a year earlier and 21 percent two years ago. Spotted grades accounted for a little over one percent this season, the smallest proportion since the 1973 crop. Spotted grades accounted for over two percent a year ago and over eight percent two years ago.

Staples 31 and shorter made up almost 12 percent of upland ginnings prior to January 1 this season, the smallest proportion since 1974. Through the same period in 1977 and 1976, 17 percent and 16 percent, respectively, stapled 31 or shorter. Staples 32 and 33 comprised 20 percent of ginnings, down from 21 percent a year earlier and up from 18 percent two years ago. Staples 34 and 35 comprised 58 percent this season against 51 percent a year earlier and 54 percent two years ago. Cotton stapling 36 and longer made up 10 percent of upland ginnings so far this season, the smallest proportion since 1973. This compares with 11 percent a year earlier and 12 percent two years ago. The average staple length of upland cotton ginned prior to January 1 this season was 33.8 thirty-seconds inches against 33.7 thirty-seconds last year and 33.8 two years ago.

Almost 78 percent of upland ginnings prior to January 1 this season was in the 35-49 mike range. Through the same period in 1977 and 1976, 80 percent and 78 percent, respectively, were in the 35-49 range. Cotton miking 34 and below accounted for almost nine percent this season against five percent a year earlier and 13 percent two years ago. Cotton with mike of 50 and higher made up 14 percent this season compared with 15 percent in 1977 and 10 in 1976.

Fiber strength of upland cotton ginned prior to January 1 this season averaged 88,200 pounds per square inch (psi), the highest average since records began in 1972. A year ago the average was 87,700 psi and two years ago was 86,400 psi. Cotton with fiber strength of 80,000 psi to 89,000 psi accounted for almost 58 percent of ginnings so far this season compared with 57 percent a year earlier and 58 percent two years ago. Cotton with strength of 90,000 psi and stronger made up almost 38 percent, the largest proportion since records began in 1972. Cotton with strength of 79,000 psi and lower comprised less than five percent this season against eight percent a year earlier and almost 13 percent two years ago.

Ginnings prior to January 1 this season totaled 9,320,525 running bales, according to the Bureau of the Census. This includes 63,205 bales of American Pima cotton.

Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade Code	December 1-31				Season through December 31				Supply to January 1				Change in Supply from 1977	
	1977		1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	bales
Bales	Bales	Bales	Pct.	Bales	Bales	Bales	Pct.	Bales	Bales	Bales	Pct.	Bales	1,000 bales	Pct.
<u>White</u>														
11	23	-	*	-	634	38	*	*	1	**	*	*	-1	-100.0
21	9,806	2,603	0.6	0.1	130,747	31,500	1.0	0.3	158	103	1.0	0.7	-55	-34.8
30	5,094	776	0.3	*	65,404	7,872	0.5	0.1	77	31	0.5	0.2	-46	-59.7
31	291,241	125,199	16.4	4.8	2,816,090	1,282,591	21.0	13.9	3,120	1,930	19.3	13.4	-1,190	-38.1
40	100,462	50,477	5.7	1.9	940,640	556,462	7.0	6.0	1,224	922	7.6	6.4	-302	-24.7
41	458,378	749,839	25.8	29.0	3,913,437	3,415,055	29.1	37.1	4,582	4,776	28.2	33.3	+194	+4.2
50	27,566	60,900	1.6	2.3	297,139	269,626	2.2	2.9	497	598	3.1	4.2	+101	+20.3
51	99,402	410,283	5.6	15.7	1,271,719	1,057,980	9.5	11.4	1,546	1,548	9.5	10.8	+2	+0.1
60	1,757	11,643	0.1	0.4	15,960	21,519	0.1	0.2	23	33	0.1	0.2	+10	+43.5
61	26,698	70,823	1.5	2.7	142,467	141,746	1.1	1.5	204	242	1.3	1.7	+38	+18.6
70	120	204	*	*	307	464	*	*	1	*	1	*	0	-
71	5,471	8,655	0.3	0.3	17,374	16,811	0.1	0.2	28	34	0.2	0.2	+6	+21.4
<u>Light Spotted</u>														
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	2,089	550	0.1	*	21,633	2,981	0.2	*	24	23	0.1	0.2	-1	-4.2
32	285,749	158,219	16.1	6.1	1,323,186	451,460	9.9	4.9	1,483	1,033	9.2	7.2	-450	-30.3
42	312,867	610,313	17.7	23.6	1,656,242	1,380,686	12.3	14.9	1,949	2,033	12.0	14.1	+84	+4.3
52	77,452	264,140	4.4	10.1	464,514	446,574	3.5	4.8	583	644	3.6	4.5	+61	+10.5
<u>Spotted</u>														
13	-	-	*	*	14	-	*	*	6	**	*	*	0	-
23	183	194	0.6	0.4	1,451	399	*	*	121	55	0.7	0.4	-66	-16.7
33	9,970	10,162	1.3	1.2	38,340	20,675	0.3	0.2	284	150	1.8	1.0	-134	-54.5
43	23,733	32,336	1.1	0.8	145,857	69,534	1.1	0.8	150	96	0.9	0.7	-54	-47.2
53	18,680	21,288	*	*	95,213	41,605	0.7	0.4	583	644	3.6	4.5	-61	-36.0
<u>Tinged 2/</u>														
24-54	2,332	1,616	0.2	*	8,246	3,940	*	*	54	23	0.3	0.2	-31	-57.4
<u>Stained 2/</u>														
25-35	6	13	*	*	24	71	*	*	1	3	*	*	+2	+200.0
<u>Light Gray</u>														
16	-	-	*	*	-	-	*	*	-	-	-	-	-	-
26	208	353	*	*	1,712	855	*	*	2	2	*	*	0	-
36	718	2,953	*	0.1	10,769	7,855	0.1	0.1	13	14	0.1	0.1	+1	+7.7
46	611	1,403	*	0.1	3,889	3,146	*	*	10	6	0.1	*	-4	-40.0
<u>Gray</u>														
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	*	*	34	30	*	*	**	**	1	*	0	-
37	46	105	*	*	357	255	*	*	1	1	*	*	+1	+100.0
47	26	227	*	*	508	395	*	*	1	1	*	*	0	-
<u>Below Grade 3/</u>	10,112	11,436	0.6	0.4	38,698	25,195	0.3	0.3	62	65	0.4	0.5	+3	+4.8
All grades	1,770,800	2,606,710	100.0	100.0	13,422,605	9,257,320	100.0	100.0	16,204	14,372	100.0	100.0	-1,832	-11.3

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bailes that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent. ** Less than 500 bales.

Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	December 1-31				Season through December 31				Supply to January 1				Change in Supply	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1,000 bales	Pct.
	Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.	1,000 bales	1,000 bales	Pct.	*	*	
26 and shorter	97	687	*	*	391	822	*	*	1	1	*	0.1	+	
28	1,551	3,898	0.1	0.1	6,807	7,080	0.1	0.1	8	11	*	0.1	+	
29	11,076	20,655	0.6	0.8	59,128	70,679	0.4	0.8	77	99	0.5	0.7	+37.5	
30	96,062	178,646	5.4	6.9	634,492	353,590	4.7	3.8	758	558	4.7	3.9	+28.6	
31	302,166	508,819	17.1	19.5	1,574,820	641,919	11.7	6.9	1,736	1,083	10.7	7.5	-26.4	
32	418,485	727,390	23.7	27.9	1,616,177	918,594	12.0	9.9	1,872	1,523	11.6	10.6	-653	
33	182,587	332,862	10.3	12.8	1,262,294	922,711	9.4	10.0	1,590	1,721	9.8	12.0	-349	
34	230,343	211,037	13.0	8.1	2,302,057	2,390,686	17.2	25.8	3,188	3,763	19.7	26.2	+18.0	
35	383,322	425,556	21.6	16.3	4,473,987	2,989,905	33.4	32.3	5,209	4,283	32.0	29.8	+575	
36	139,826	171,245	7.9	6.6	1,422,353	908,310	10.6	9.8	1,645	1,226	10.2	8.5	-18.6	
37	3,671	24,944	0.2	1.0	64,522	51,144	0.5	0.6	99	90	0.6	0.6	+131	
38	70	785	*	*	1,580	1,611	*	*	10	9	0.1	0.1	+8.2	
39	383	148	*	*	1,454	198	*	*	2	1	*	*	-9.1	
40 and longer	1,161	38	0.1	*	2,543	71	*	*	10	4	0.1	0.1	-10.0	
All staples	1,770,800	2,606,710	100.0	100.0	13,422,605	9,257,320	100.0	100.0	16,204	14,372	100.0	100.0	-50.0	
													-60.0	

1/ Data for current season are preliminary.

* Less than 0.05 percent.

** Less than 500 bales.

Table 3. Specified measures of quality for upland ginnings 1/

Item	December 1-31		Season through December 31		Supply to January 1	
	1977	1978	1977	1978	1977	1978
Average staple, 32nd. inch	33.0	32.7	33.7	33.8	33.7	33.7
Rough preparation, percent	0.1	*	*	0.1	-	-
Tenderable, percent 2/	58.1	44.7	64.2	58.3	-	-
Average mike reading	4.2	3.9	4.4	4.3	-	-
Average fiber strength (Mpsi)	86.8	86.9	87.7	88.2	-	-

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

* Less than 0.05 percent.

Table 4. Percentage distribution of micromaire readings for upland ginnings prior to January 1, this season and last season, by states ^{1/}

State	26 and below		27-29		30-32		33-34		35-39		40-44		45-49		50-52		53 and above		Totals			Average mike					
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.			
NC	-	0.1	*	0.4	*	1.9	0.2	2.3	1.1	31.6	5.6	53.5	46.0	9.7	32.1	0.5	15.0	-	0.2	4.7	52.7	94.8	47.1	0.5	49	40	
SC	-	*	0.2	0.1	1.2	0.8	1.8	1.1	8.9	12.7	16.2	56.9	38.8	26.8	24.0	1.6	8.9	*	3.2	2.0	63.9	96.4	32.9	1.6	47	43	
GA	-	*	-	*	0.6	0.2	0.7	0.7	6.6	10.9	23.3	39.2	44.5	38.8	18.9	8.3	5.4	1.9	1.3	0.9	74.4	88.9	24.3	10.2	46	44	
AL	*	*	0.2	*	0.7	0.4	0.5	0.6	2.7	8.7	14.2	33.2	46.7	43.7	24.6	10.9	10.4	2.5	1.4	1.0	63.6	85.6	35.0	13.4	48	45	
MS	*	*	*	*	*	0.3	0.4	0.5	0.5	3.8	4.0	23.3	24.0	50.6	45.6	18.2	20.5	3.3	5.0	0.8	0.9	77.7	73.6	21.5	25.5	46	47
TN	-	*	*	*	*	0.3	0.2	0.7	4.6	7.9	20.7	29.0	45.0	46.1	17.8	12.4	11.7	3.6	0.2	1.0	70.3	83.0	29.5	16.0	47	46	
MO	-	-	*	*	0.4	0.3	0.6	5.1	7.7	20.9	29.8	37.4	40.4	24.1	16.5	12.2	4.6	0.3	1.0	63.4	77.9	36.3	21.1	47	46		
AR	*	*	0.1	0.2	0.4	0.3	0.5	3.1	3.6	18.5	16.2	53.0	47.8	20.8	22.1	4.1	9.3	0.5	1.0	74.6	67.6	24.9	31.4	47	47		
LA	*	*	0.2	*	1.1	0.4	1.2	0.4	4.7	1.8	12.8	7.5	45.0	39.7	28.6	34.6	6.4	15.6	2.5	0.8	62.5	49.0	35.0	50.2	47	49	
OK	*	0.1	0.6	0.8	3.0	2.7	3.7	3.4	18.0	20.3	33.2	44.2	31.3	25.9	8.0	2.4	2.2	0.2	7.3	7.0	82.5	90.4	10.2	2.6	43	42	
TX	*	0.1	0.5	2.1	2.6	7.9	3.5	8.4	20.4	33.2	36.8	29.2	26.6	14.3	6.5	3.7	3.1	1.1	6.6	18.5	83.8	76.7	9.6	4.8	43	40	
NM	*	0.2	0.6	4.0	3.3	13.3	4.4	13.8	32.3	47.7	50.3	20.4	8.2	0.6	0.8	-	0.1	-	8.3	31.3	90.8	68.7	0.9	-	40	36	
AZ	0.1	*	0.6	0.5	1.3	1.2	1.1	1.2	4.9	7.0	18.5	23.6	43.3	44.9	23.2	17.1	7.0	4.5	3.1	2.9	66.7	75.5	30.2	21.6	47	46	
CA	0.1	0.4	1.0	1.3	2.2	3.5	1.9	3.8	16.6	22.8	51.5	45.1	23.6	21.2	2.7	1.8	0.4	0.1	5.2	9.0	91.7	89.1	3.1	1.9	42	41	
Other	-	0.3	-	4.1	4.2	7.0	3.6	35.6	21.6	35.1	56.0	8.9	12.9	8.6	1.7	0.4	-	11.4	7.8	79.6	90.5	9.0	1.7	40	41		
US	*	0.1	0.5	1.0	1.8	3.6	2.2	3.9	13.5	18.3	33.0	30.3	33.9	29.2	11.5	10.4	3.6	3.2	4.5	8.6	80.4	77.8	15.1	13.6	44	43	

^{1/} Data for current season are preliminary.

* Less than 0.05 percent.

Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to January 1, 1978 with 1977 comparisons, by states 1/
1/ Data for current season are preliminary.
* Less than 0.05 percent.

State	Zero Gage Fiber Strength (Mpsi)												Average strength							
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94	95-99	100 & above					
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978						
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.						
NC	-	-	-	0.1	*	2.3	4.3	16.6	29.8	47.6	45.4	28.6	18.5	4.8	2.0	-	-	87.8	86.2	
SC	-	-	0.2	-	0.4	*	7.2	5.0	27.3	31.8	40.0	49.5	21.0	13.5	3.7	0.2	0.2	-	86.2	85.6
GA	-	-	-	-	1.6	-	12.7	4.0	35.8	19.2	33.6	42.4	13.4	30.4	2.7	3.7	0.2	0.3	84.7	87.7
AL	-	-	0.2	-	3.1	0.1	16.9	4.4	38.0	32.2	30.5	39.9	9.5	19.8	1.8	3.4	*	0.2	83.6	86.4
MS	-	-	*	-	0.7	*	6.9	2.2	35.9	23.6	38.5	46.1	14.9	23.0	3.0	4.8	0.1	0.3	85.5	87.3
TN	-	-	*	-	0.2	*	7.7	3.1	31.9	33.5	40.5	47.9	17.2	13.8	2.3	1.7	0.2	-	85.8	85.9
MO	-	-	-	-	1.6	0.2	15.0	4.4	44.9	27.5	28.9	40.7	8.7	24.3	0.7	2.5	0.2	0.4	83.6	86.7
AR	-	-	*	-	0.3	0.1	7.3	6.8	32.6	32.7	41.7	38.5	15.7	17.8	2.1	3.9	0.3	0.2	85.7	86.0
LA	-	-	*	*	2.0	0.1	18.1	4.1	42.5	17.5	29.7	36.4	7.0	30.4	0.6	10.2	0.1	1.3	83.2	88.4
OK	-	-	0.3	-	3.4	0.4	27.0	5.3	37.2	28.7	24.5	38.4	6.6	18.7	0.9	6.0	0.1	2.5	82.4	86.9
TX	-	-	0.1	*	0.9	0.8	7.6	6.8	27.0	26.8	33.9	34.2	21.4	21.6	7.3	8.3	1.8	1.5	86.8	87.0
NM	-	-	*	-	0.3	0.5	1.4	6.5	7.8	17.0	22.6	24.6	32.5	29.7	23.0	17.0	12.4	4.7	92.3	89.3
AZ	-	-	*	*	0.3	0.4	5.8	5.6	27.2	25.5	41.9	43.1	20.4	21.2	3.9	4.0	0.5	0.2	86.5	86.6
CA	-	-	*	-	0.1	-	0.5	0.3	3.4	2.9	14.4	20.7	29.5	33.8	31.0	27.0	21.1	15.3	94.7	93.6
US	-	-	*	*	0.8	0.3	7.3	4.3	25.3	21.9	31.4	35.6	20.1	24.0	10.1	10.2	5.0	3.7	87.7	88.2

Table 6. Percentage distribution of the grade of upland cotton ginned prior to January 1, this season and last season, by states ^{1/}

State	White										Light Spotted						Other Colored	Below Grade										
	21 and higher	30	31	40	41	50	51	60 and lower	22 and higher	32	42	52	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978						
Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.						
NC	-	-	-	0.6	1.7	0.6	5.1	26.9	45.3	6.7	19.7	32.2	19.4	5.8	4.3	-	-	0.2	0.1	14.8	2.3	8.1	1.7	3.6	0.3	0.5	0.1	
SC	0.2	0.6	-	3.3	3.8	0.9	7.3	32.8	52.3	4.0	14.5	21.6	11.9	2.9	1.2	*	*	2.1	1.1	18.4	4.8	8.9	1.8	4.4	0.6	0.5	0.1	
GA	*	0.4	-	0.1	1.5	14.4	0.7	16.5	20.7	42.2	1.5	4.1	10.5	6.6	1.7	1.2	*	0.1	4.8	4.1	31.1	7.9	13.6	1.6	12.4	0.6	1.5	0.2
AL	0.1	0.2	-	*	1.8	8.5	0.3	3.4	13.7	46.5	0.4	3.7	3.5	6.5	0.3	0.8	0.2	0.1	5.1	8.2	35.8	17.2	11.7	2.8	25.8	1.9	1.3	0.2
MS	*	0.1	*	*	2.0	4.6	1.5	1.9	33.5	50.0	4.2	3.5	36.0	21.6	5.4	2.2	*	*	0.5	1.1	8.9	11.4	6.0	3.0	1.4	0.4	0.6	0.2
TN	0.1	0.4	*	*	3.9	17.1	1.7	4.7	24.5	47.1	1.7	3.6	12.3	9.4	2.2	1.2	*	*	2.2	4.4	26.4	9.8	17.0	1.9	6.2	0.3	1.8	0.1
MO	*	0.1	-	-	1.0	14.7	0.2	3.9	29.8	50.5	2.6	2.6	15.8	4.8	1.2	0.3	-	*	2.2	6.7	28.6	13.3	10.4	1.9	7.5	1.2	0.7	*
AR	*	0.1	*	*	2.6	8.6	1.7	4.6	38.6	48.9	4.6	4.0	19.4	9.5	1.5	1.0	*	*	1.3	2.4	20.1	16.3	6.9	3.6	3.0	0.8	0.3	0.2
LA	0.2	0.1	*	*	13.3	11.2	1.7	1.9	50.4	46.5	3.2	2.8	10.3	4.6	1.5	0.5	*	*	3.4	6.5	11.9	21.5	2.7	2.7	1.2	1.6	0.2	0.1
OK	0.1	0.7	*	*	5.0	7.9	1.4	2.5	13.8	21.6	0.9	1.9	7.9	8.7	1.3	0.9	0.1	0.1	13.3	16.8	35.9	28.7	12.3	6.6	7.5	3.5	0.5	0.1
TX	1.1	0.1	0.1	*	24.7	6.2	5.9	1.9	25.6	26.7	1.7	3.2	14.2	0.4	2.8	0.3	*	20.7	7.4	13.4	25.6	1.4	10.4	1.4	2.7	0.1	0.3	
NM	0.8	-	*	-	24.3	2.9	7.5	4.5	34.6	36.7	5.2	11.8	2.9	10.9	0.4	1.3	*	-	12.2	8.7	9.9	15.6	1.3	5.5	0.7	2.1	0.2	*
AZ	0.7	1.8	0.6	0.4	20.7	30.3	3.3	7.5	51.4	36.6	1.6	2.1	6.2	5.6	1.1	0.1	0.1	3.9	6.4	6.7	4.7	2.3	1.4	0.9	1.2	0.5	0.8	
CA	2.5	0.4	2.1	0.2	43.2	30.7	20.2	17.4	21.4	34.7	1.2	2.9	2.6	6.6	0.5	2.0	0.1	*	2.9	1.1	2.2	2.2	0.7	0.8	0.3	0.8	0.1	0.2
Other	2.0	1.1	1.3	-	15.5	8.1	1.8	6.6	28.6	47.5	2.6	7.2	16.9	20.7	1.0	4.3	-	-	0.3	-	19.2	2.0	9.1	2.1	1.5	0.4	0.2	-
US	1.0	0.3	0.5	0.1	21.0	13.9	7.0	6.0	29.1	37.1	2.2	2.9	9.5	11.4	1.3	1.9	0.2	*	9.9	4.9	12.3	14.9	3.5	4.8	2.2	1.5	0.3	0.3

^{1/} Data for current season are preliminary.
 * Less than 0.05 percent.

Table 7. Percentage distribution of the staple of upland cotton ginned prior to January 1, this season and last season, and total ginnings, by states 1/

State	Staple												Average staple				Total upland ginnings									
	28 and shorter 1977	29 1978	30 1977	31 1978	32 1977	33 1978	34 1977	35 1978	36 1977	37 1978	38 and longer 1977	1978	1977	1978	1977	Bales	Bales									
Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Bales									
NC	-	-	-	-	*	-	-	0.5	-	18.7	3.2	67.1	67.3	13.6	29.4	0.1	0.1	-	34.9	35.3	50,752	45,123				
SC	-	-	-	-	*	-	0.2	-	1.9	*	10.3	1.8	47.5	13.5	37.0	56.3	3.0	26.5	0.1	1.9	35.3	36.1	101,480	106,060		
GA	-	-	-	*	0.2	*	2.0	*	22.7	3.5	48.1	38.4	26.8	56.8	0.2	1.3	-	-	-	34.0	34.6	70,812	104,570			
AL	-	-	*	-	0.1	*	0.3	0.2	4.8	0.6	41.4	14.5	45.6	62.4	7.7	21.6	0.1	0.7	*	*	-	33.6	34.1	260,674	275,413	
MS	-	-	-	*	-	*	*	*	0.1	1.3	2.5	21.6	52.7	68.3	44.0	8.7	0.7	0.1	*	*	-	34.8	34.4	1,568,368	1,323,090	
TN	-	-	-	-	-	0.1	0.1	1.8	2.0	37.7	28.4	56.0	62.0	4.4	7.4	*	0.1	*	*	-	33.6	33.7	247,125	227,045		
MO	*	-	-	-	-	*	-	0.2	0.1	4.4	2.2	51.1	43.1	66.2	1.2	5.0	-	*	-	-	34.4	34.7	225,1842	180,957		
AR	-	-	-	-	*	-	*	0.2	0.8	4.5	24.3	39.2	68.8	53.3	6.1	2.8	*	*	-	-	34.8	34.5	1,006,436	642,098		
LA	-	-	*	-	*	-	0.1	*	0.9	0.4	10.9	27.5	46.1	69.0	39.7	3.1	2.2	*	0.1	-	-	34.7	34.3	636,213	466,942	
OK	*	*	0.1	0.6	2.2	6.5	13.0	22.0	39.0	36.2	30.4	18.5	10.8	7.7	3.0	4.6	1.4	3.8	0.1	0.1	-	-	32.5	32.3	396,011	269,069
TX	0.1	0.2	1.1	2.4	12.0	11.4	29.4	19.7	27.5	27.0	16.2	20.8	10.9	14.8	2.1	3.0	0.6	0.5	0.1	0.2	*	*	31.9	32.1	5,171,946	2,925,938
NM	*	-	*	0.1	1.0	0.6	3.8	2.7	6.3	5.1	4.2	3.5	3.7	5.0	8.6	5.4	39.0	28.9	32.6	47.6	0.8	1.1	35.6	35.9	143,130	69,881
AZ	*	*	*	0.2	0.1	0.2	0.2	0.9	1.1	2.4	3.1	31.9	27.8	62.1	65.3	1.8	2.0	0.3	0.4	0.2	*	34.6	34.6	924,986	831,674	
CA	*	-	*	0.1	0.1	*	0.1	0.1	0.3	0.5	0.7	7.9	7.2	51.1	49.6	40.2	41.9	0.1	0.1	-	*	35.3	35.3	2,612,358	1,785,496	
Other	-	-	-	-	-	-	-	-	-	1.1	4.3	3.9	49.1	40.8	25.3	34.3	21.1	19.9	0.2	-	-	34.6	34.7	6,472	3,964	
US	0.1	0.1	0.4	0.8	4.7	3.8	11.7	6.9	12.0	9.9	9.4	10.0	17.2	25.8	33.4	32.3	10.6	9.8	0.5	0.6	*	*	33.7	33.8	13,422,605	9,257,320

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to January 1, this season and last season, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1977 Pct.	1978 Pct.	1977 Pct.	1978 Pct.	1977 Pct.	1978 Pct.	1977 Pct.	1978 Pct.
North Carolina	7.5	5.3	-	0.1	*	*	7.5	5.4
South Carolina	11.9	6.6	0.4	1.0	*	-	12.3	7.6
Georgia	7.2	5.9	0.8	0.1	0.1	*	8.1	6.0
Alabama	3.5	4.1	1.6	0.2	*	*	5.1	4.3
Mississippi	6.2	8.1	1.9	0.5	*	*	8.1	8.6
Tennessee	3.8	3.9	1.3	1.6	*	0.1	5.1	5.6
Missouri	0.5	1.2	0.8	*	*	*	1.3	1.2
Arkansas	3.4	5.6	0.7	0.2	*	0.1	4.1	5.9
Louisiana	6.3	5.5	1.5	0.4	*	*	7.8	5.9
Oklahoma	1.5	0.7	15.1	11.3	*	*	16.6	12.0
Texas	3.2	1.6	1.6	11.7	*	*	4.8	13.3
New Mexico	1.3	0.4	1.9	8.1	0.2	*	3.4	8.5
Arizona	2.1	1.8	2.7	2.1	0.1	0.1	4.9	4.0
California	3.0	2.8	0.2	0.6	0.1	0.1	3.3	3.5
Other	5.1	7.5	4.0	1.7	-	-	9.1	9.2
United States	3.6	3.5	1.7	4.6	0.1	*	5.4	8.1

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 9. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	December 1-31				Season through December 31			
		1977 Bales	1978 Bales	Pct.	Pct.	1977 Bales	1978 Bales	Pct.	Pct.
Grade									
1	(10)	-	-	-	-	-	-	-	-
2	(20)	15	-	*	-	116	224	0.1	0.4
3	(30)	2,630	2,649	8.2	7.0	16,680	7,345	18.4	11.6
4	(40)	24,331	21,269	76.1	56.3	61,140	34,996	67.4	55.3
5	(50)	4,025	11,752	12.6	31.1	11,292	17,198	12.4	27.2
6	(60)	642	1,850	2.0	4.9	1,078	2,849	1.2	4.5
7	(70)	149	186	0.5	0.5	231	430	0.3	0.7
8	(80)	81	44	0.3	0.1	81	103	0.1	0.2
9	(90)	90	11	0.3	*	90	27	0.1	*
10	(00)	7	33	*	0.1	7	33	*	0.1
Total		31,970	37,794	100.0	100.0	90,715	63,205	100.0	100.0
Staple									
40 and shorter		-	-	-	-	-	-	-	-
42		413	55	1.3	0.1	413	276	0.5	0.4
44		13,715	2,327	42.9	6.2	41,106	10,778	45.3	17.1
46		17,842	35,412	55.8	93.7	49,196	52,151	54.2	82.5
48 and longer		-	-	-	-	-	-	-	-
Total		31,970	37,794	100.0	100.0	90,715	63,205	100.0	100.0

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 10. Percentage distribution of micronaire readings for American Pima ginnings prior to January 1, this season and last season, by states 1/

Readings	State						United States	
	Texas		New Mexico		Arizona			
	1977	1978	1977	1978	1977	1978	1977	1978
24 and below	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	0.1	*	0.3	-	*	-	0.1	*
28	0.1	0.2	0.4	-	-	-	0.1	0.1
29	0.6	0.8	1.1	-	*	-	0.3	0.3
30	0.6	3.5	2.1	1.7	0.3	0.1	0.5	1.6
31	1.3	5.9	3.4	2.4	0.4	0.4	0.9	2.7
32	1.7	7.8	4.3	6.4	0.8	0.6	1.3	3.9
33	2.5	8.8	4.9	5.9	1.3	0.7	2.0	4.2
34	4.1	12.5	8.1	8.5	2.6	1.0	3.5	6.0
35	6.5	11.7	13.8	11.6	5.8	6.6	6.5	9.0
36	8.8	13.0	11.0	17.7	8.2	8.0	8.6	10.6
37	11.2	9.8	12.7	9.2	10.2	9.2	10.7	9.4
38	13.0	10.9	11.3	16.3	15.8	14.0	14.3	12.9
39	13.8	5.2	7.9	7.8	13.7	13.4	13.4	9.8
40	12.5	4.2	7.5	3.9	14.8	16.1	13.5	10.6
41	9.4	1.8	7.1	3.9	9.5	11.1	9.4	6.9
42	6.9	2.3	1.9	3.9	8.6	10.6	7.6	6.9
43	3.3	0.8	1.4	-	4.2	4.3	3.7	2.7
44	2.0	0.5	0.8	0.8	2.8	2.8	2.4	1.7
45	1.2	0.1	-	-	0.7	0.9	0.9	0.5
46	0.3	0.1	-	-	0.2	0.1	0.2	0.1
47	0.1	0.1	-	-	0.1	0.1	0.1	0.1
48	*	-	-	-	-	-	*	-
49	*	-	-	-	-	-	*	-
50 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	38	35	36	36	39	39	38	37

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Estimated grade and staple of American Pima cotton ginned in the United States
prior to January 1, 1979 1/

Grade Code	Staple						All staples	
	40 and shorter	42	44	46	48	50 and longer		
	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	Pct.
1 (10)	-	-	-	-	-	-	-	-
2 (20)	-	-	119	105	-	-	224	0.4
3 (30)	-	89	2,242	5,014	-	-	7,345	11.6
4 (40)	-	89	5,444	29,463	-	-	34,996	55.3
5 (50)	-	43	2,057	15,098	-	-	17,198	27.2
6 (60)	-	11	653	2,185	-	-	2,849	4.5
7 (70)	-	11	166	253	-	-	430	0.7
8 (80)	-	11	70	22	-	-	103	0.2
9 (90)	-	11	16	-	-	-	27	*
10 (00)	-	11	11	11	-	-	33	0.1
All grades	-	276	10,778	52,151	-	-	63,205 <u>2/</u> 100.0	
Percent	-	0.4	17.1	82.5	-	-		100.0

1/ Preliminary.

Average grade . . . 4.3

2/ As reported by the Bureau of the Census.

Average staple . . . 45.6

* Less than 0.05 percent.

Estimated grade and staple or upland cotton ginned in the United States prior to January 1, 1919 L

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1 / Preliminary

As reported by the Bureau of the Census.
Fremmiminary.

** Less than 0.05 percent.*

Average staple	33.8
Percentage of rough preparation	0.1
Percent tenderable	58.3